## PCT

## NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and Administrative Instructions, Section 422)

Date of mailing (day/month/year)
03 May 2000 (03.05.00)

Applicant's or agent's file reference

ELLIS-JONES, Patrick, George,
Armine
J.A. Kemp & Co.
14 South Square
Gray's Inn
London WC1R 5LX
ROYAUME-UNI

IMPORTANT NOTIFICATION

International filing date (day/month/year)

From the INTERNATIONAL BUREAU

N.75052C PEJ	IMPORTANT NOTIFICATION		
International application No. PCT/GB99/03133	1	al filing date (day/month/ye eptember 1999 (21.09.	
The following indications appeared on record concerning:      The applicant the inventor	the agent		on representative
Name and Address		State of Nationality	State of Residence
ISIS INNOVATION LIMITED		GB	GB
2 South Parks Road Oxford OX1 3UB United Kingdom		Telephone No.	
		Facsimile No.	
	ļ	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the	he following (	change has been recorded	concerning:
the person the name X the add	_	the nationality	the residence
Name and Address		State of Nationality	State of Residence
ISIS INNOVATION LIMITED		GB	GB
Ewert House Ewert Place		Telephone No.	
Summertown			
Oxford OX2 7BZ United Kingdom		Facsimile No.	
		Teleprinter No.	
3. Further observations, if necessary:			
4. A copy of this notification has been sent to:			
X the receiving Office		the designated Offices	concerned
the International Searching Authority	Ī	the elected Offices con	cerned
X the International Preliminary Examining Authority		other:	
	A	<i>W</i>	· · · · · · · · · · · · · · · · · · ·

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

Yolaine CUSSAC

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

# PATENT COOPERATION TRE

	From the INTERNATIONAL BUREAU
PCT	To:
NOTIFICATION OF ELECTION  (PCT Rule 61.2)  Date of mailing (day/month/year) 03 May 2000 (03.05.00)  International application No. PCT/GB99/03133	Assistant Commissioner for Patents United States Patent and Trademark Office Box PCT Washington, D.C.20231 ETATS-UNIS D'AMERIQUE  in its capacity as elected Office  Applicant's or agent's file reference N.75052C PEJ
International filing date (day/month/year)	Priority date (day/month/year)
21 September 1999 (21.09.99)	21 September 1998 (21.09.98)
Applicant  DOBSON, Christopher, Martin	
in a notice effecting later election filed with the Int  2. The election X was was was not	000 (24.03.00)
The International Bureau of WIPO 34, chemin des Colombettes	Authorized officer
1211 Geneva 20, Switzerland	Yolaine CUSSAC

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35



## PATENT COOPERATION T



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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's	or age	nt's file reference		See Notification of Transmittal of International
N.75052	CPEJ		FOR FURTHER ACTION	Preliminary Examination Report (Form PCT/IPEA/416)
Internation	nal appli	cation No.	International filing date (day/month	/year) Priority date (day/month/year)
PCT/GB	99/03	133	21/09/1999	21/09/1998
Internation C12N9/		nt Classification (IPC) or na	ational classification and IPC	
ISIS IN	NOVA	TION LIMITED et al.		
1. This and	interna is trans	ational preliminary exam smitted to the applicant	nination report has been prepared according to Article 36.	by this International Preliminary Examining Authority
2. This	REPO	RT consists of a total of	f 6 sheets, including this cover s	heet.
	been a (see R	mended and are the ba	sis for this report and/or sheets of the Administrative Instruction	ne description, claims and/or drawings which have containing rectifications made before this Authority ons under the PCT).
3. This	report	contains indications rel	ating to the following items:	
1	<b>S</b>	Basis of the report		
l l				
111				ventive step and industrial applicability
١٧	′ 🗆	•		
V	<i>,</i> ⊠	Reasoned statement uncitations and explanat	under Article 35(2) with regard to ions suporting such statement	novelty, inventive step or industrial applicability;
l v	i 🗆	Certain documents ci	ted	•
VI	ı	Certain defects in the	international application	
VII	ı 🛛	Certain observations of	on the international application	•
Date of s	ubmissi	on of the demand	Date of	completion of this report
24/03/2	2000		19.12.2	2000
		g address of the internation nining authority:	nal Authori	zed officer
<u></u>	D-8	opean Patent Office 0298 Munich . +49 89 2399 - 0 Tx: 5236 ;; +49 89 2399 - 4465	·	B one No. +49 89 2399 8416



I. Basis	of th	ie repo	rt
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1.	resp the i	onse to an invitati	Irawn on the basis of (substitute sheets which have been furnished to the receiving Office in on under Article 14 are referred to in this report as "originally filed" and are not annexed to lo not contain amendments (Rules 70.16 and 70.17).):
	1-32	2	as originally filed
	Clai	ms, No.:	
	1-32	2	as originally filed
	Dra	wings, sheets:	
	1/13	3-13/13	as originally filed
2.	With lang	n regard to the <b>lan</b> guage in which the	guage, all the elements marked above were available or furnished to this Authority in the international application was filed, unless otherwise indicated under this item.
	The	se elements were	available or furnished to this Authority in the following language: , which is:
		the language of a	a translation furnished for the purposes of the international search (under Rule 23.1(b)).
			publication of the international application (under Rule 48.3(b)).
			a translation furnished for the purposes of international preliminary examination (under Rule
3.	With inte	h regard to any <b>nu</b> rnational prelimina	icleotide and/or amino acid sequence disclosed in the international application, the ary examination was carried out on the basis of the sequence listing:
		contained in the i	international application in written form.
		filed together with	n the international application in computer readable form.
		furnished subsec	quently to this Authority in written form.
		furnished subsec	quently to this Authority in computer readable form.
		the international	at the subsequently furnished written sequence listing does not go beyond the disclosure in application as filed has been furnished.
		The statement the listing has been to	at the information recorded in computer readable form is identical to the written sequence furnished.
4.	. The	e amendments hav	ve resulted in the cancellation of:
		the description,	pages:
		the claims,	Nos.:



		the drawings,	sheets:
5.		This report has been considered to go bey	established as if (some of) the amendments had not been made, since they have been ond the disclosure as filed (Rule 70.2(c)):
		(Any replacement sh report.)	eet containing such amendments must be referred to under item 1 and annexed to this
6.	Add	litional observations, i	necessary:
III.	Nor	n-establishment of o	pinion with regard to novelty, inventive step and industrial applicability
1.	The obv	questions whether th ious), or to be industr the entire internation	e claimed invention appears to be novel, to involve an inventive step (to be non- ally applicable have not been examined in respect of:
	×		ly), 4-9, 10-32(partly).
be	caus	se:	
		the said internationa not require an intern	application, or the said claims Nos. relate to the following subject matter which does ational preliminary examination ( <i>specify</i> ):
			es or drawings (indicate particular elements below) or said claims Nos. are so unclear pinion could be formed (specify):
		the claims, or said could be formed.	aims Nos. are so inadequately supported by the description that no meaningful opinion
	⊠	no international sear	ch report has been established for the said claims Nos. cf. above.
2.	and	neaningful internation: I/or amino acid seque tructions:	Il preliminary examination report cannot be carried out due to the failure of the nucleotide nce listing to comply with the standard provided for in Annex C of the Administrative
			not been furnished or does not comply with the standard.
		the computer readal	le form has not been furnished or does not comply with the standard.
V.	Rea cita	asoned statement u ations and explanati	der Article 35(2) with regard to novelty, inventive step or industrial applicability; ons supporting such statement
1.	Sta	tement	
	No	velty (N)	Yes: Claims 10, 18-21, 26, 28-32





No: Claims 1-3, 11-17, 22-25, 27

Inventive step (IS) Yes: Claims 10, 28-32

No: Claims 1-3, 11-27

Industrial applicability (IA) Yes: Claims 1-3, 9-32

No: Claims

2. Citations and explanations see separate sheet

#### VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

#### EXAMINATION TIEF OTT OF AUTO-

#### 1. Reasoned statement

1.1. As the ISR has only been carried out as far as naturally occurring amyloid fibres are concerned, i.e. claims 1 to 3, and 10 to 32, this report has only been written with regard to these.

#### 1.2. Novelty (Art. 33(2) PCT)

Amyloid fibrils and fragments thereof have been intensely studied in the art (Malinchik et al., Castãno et al., Kirschner et al., and US 4,666,829, all cited in the ISR). An amyloid fibril derived from SH3 domains has also been described by Guijarro et al.. These fibrils are described as ranging from 6 to 10 nm in diameter. They were gold labelled (Castãno et al) and Guijarro et al used pH 2.0 for their production. Since  $A\beta$  comprises a lysine residue (not to mention the N- and C-terminus), it comprises at least one functional group capable of binding a reactant. As a consequence, claims 1 to 3, 11 to 17, 22 to 25, and 27 are considered to lack novelty.

#### 1.3. Inventive step (Art. 33(3) PCT)

The process steps specified in claims 18 to 21, and 26 are considered to represent obvious modifications to the process of claim 17.

The claimed medical and non-medical uses of amyloid fibrils have neither been described in the available prior art nor are they derivable from this prior art in an obvious way.

#### 2. Certain observations

2.1. The term amyloid fibril is not clear because its meaning is being expanded to include any protein self-assembling into fibril-like structures. Traditionally however, the term has been used to characterize peptides associated with specific pathogenic states. Thus, the scope of protection cannot be established unambiguously.

2.2. The terms "substantially free of" (claim 1), "pharmaceutically active" (claim 10), and "an acceptable time" (claim 17) are also open to interpretation. Even sodium chloride can be pharmaceutically active.

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#### PATENT COOPERATION TREATY

## **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Articl 18 and Rules 43 and 44)

Applicant's or agent's file reference N.75052CPEJ		f Transmittal of International Search Report 20) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)	
PCT/GB 99/03133	21/09/1999	21/09/1998	
Applicant			
ISIS INNOVATION LIMITED e	t al.		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth Insmitted to the International Bureau.	ority and is transmitted to the applicant	
This International Search Report consists  It is also accompanied by	of a total of8sheets. a copy of each prior art document cited in this	report.	
Basis of the report			
a. With regard to the language, the language in which it was filed, unl	international search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the	
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of th	ne international application furnished to this	
was carried out on the basis of the	d/or amino acid sequence disclosed in the in e sequence listing : onal application in written form.	ternational application, the international search	
	rnational application in computer readable forn	1.	
	furnished subsequently to this Authority in written form.		
the statement that the sub	this Authority in computer readble form.  Description of the sequence listing description of the sequence listing description.	oes not go beyond the disclosure in the	
1	s filed has been furnished. ormation recorded in computer readable form is	identical to the written sequence listing has been	
2. X Certain claims were fou	nd unsearchable (See Box I).		
3. X Unity of invention is lac	king (see Box II).		
4. With regard to the title,			
the text is approved as su	bmitted by the applicant.		
the text has been establis	hed by this Authority to read as follows:		
5. With regard to the <b>abstract</b> ,  the text is approved as su  the text has been establis within one month from the	bmitted by the applicant. hed, according to Rule 38.2(b), by this Authorit date of mailing of this international search rep	y as it appears in Box III. The applicant may, ort, submit comments to this Authority.	
6. The figure of the <b>drawings</b> to be publi	shed with the abstract is Figure No.		
as suggested by the appli	cant.	None of the figures.	
because the applicant fail	ed to suggest a figure.		
because this figure better	characterizes the invention.		

International application No.

B x I Obs rvations wher ertain claims wer f und unsearchabl (Continuati n of Item 1 of first heet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  Remark: Although claims 31-32  are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
B x II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheets
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
(1-3, 10,32) - partially
Remark on Protest  The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: (1-3,10-32) - partially

A naturally occurring amyloid fibril substantially free of other protein, wherein the fibril comprises the A-beta peptide associated with Alzheimer's disease.

Pharmaceutical compositions, complexes with metals, variants carrying more functional groups capable of binding reactants. Uses as a plastic or in electronic or catalysis, therapeutic uses. A method to prepare said fibril.

2. Claims: (1-3,10-32) - partially

Idem as subject-matter 1, but wherein the fibril comprises the prion protein associated with the transmissible spongiphorm encephalopathies.

3. Claims: (1-3,10-32) - partially

Idem as subject-matter 1, but wherein the fibril comprises the islet-associated polypeptide associated with type II diabetes.

4. Claims: (1-3,10-32) - partially

Idem as subject-matter 1, but wherein the fibril comprises the transthyretin and fragments thereof associated with familial amyloidotic polyneuropathy.

5. Claims: (4-32) - partially

A non-naturally occurring amyloid fibril comprising a derivative or amino acid variant of an SH3 domain of a p85-alpha subunit of bovine phosphatidyl-inositol 3-kinase

A composite fibril, further comprising a (non variant) SH3 domain of a p85-alpha subunit of bovine phosphatidylinositol 3-kinase.

Pharmaceutical compositions, complexes with metals, variants carrying more functional groups capable of binding reactants. Uses as a plastic or in electronic or catalysis, therapeutic uses. Methods to prepare said fibril.

6. Claims: (4-32) - partially

Idem as subject-matter 5, but wherein the fibril comprises a human muscle acylphosphatase.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

7. Claims: (4-32) - partially

Idem as subject-matter 5, but wherein the fibril comprises bovine insulin.

8. Claims: (4-32) - partially

Idem as subject-matter 5, but wherein the fibril comprises a protein corresponding to the first two (CspB-1), the first three (CspB-2) or the last two (CspB-3) beta strands of CspB.

9. Claims: (4-32) - partially

Idem as subject-matter 5, but wherein the fibril comprises the wild type human carboxypeptidase A2.

10. Claims: (17-26) - partially

As far as not covered by inventions 1-9:

A process for preparing a fibril which comprises preparing a solution comprising a protein, said solution being in a state so that nucleation and fibril growth will occur over an acceptable time, and allowing fibril growth to take place.

International application No.

B x III TEXT OF THE ABSTRACT (Continuation fitem 5 f the first sh et) Amyloid fibrils substantially free of other protein are described, along with methods to obtain them and biophysical characterization.

International Application No T/GB 99/03133

A. CLASSIFICATION OF SUBJECT MA IPC 7 C12N9/12 CREN9/14 C07K14/62

C08K9/00

C07K1/113

C12N9/48 A61K38/16 C07K14/3Z A61K38/17

C07K14/47 A61K38/28

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC 7 & C12N & C07K & A61K & C08K \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

	NTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °	Chaudh of occument, with indication, where appropriate, or the relevant passages	
X	MALINCHIK S.B. ET AL.: "Structural analysis of Alzheimer's beta(1-40) amyloid: protofilament assembly of tubular fibrils" BIOPHYS. J., vol. 74, January 1998 (1998-01), pages 537-545, XP002127772 the whole document	1-3, 10-32
	-/	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:      A* document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
<ul> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or</li> </ul>	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
17 January 2000	1 2. 04. 00
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Galli, I

2

International Application No

C.(Continuation) DOCUMENTS CONSIL				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X .	CASTANO E M ET AL: "IN VITRO FORMATION OF AMYLOID FIBRILS FROM TWO SYNTHETIC PEPTIDES OF DIFFERENT LENGTHS HOMOLOGOUS TO ALZHEIMET'S DISEASE BETA-PROTEIN" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS,US,ACADEMIC PRESS, SAN DIEGO, CA, vol. 141, no. 2, 1986, page 782-789 XP002127777 ISSN: 0006-291X the whole document	1-3, 10-32		
X	KIRSCHNER D.A. ET AL.: "Synthetic peptide homologous to beta protein from Alzheimer disease forms amyloid-like fibrils in vitro" PROC. NATL. ACAD. SCI. USA, vol. 84, October 1987 (1987-10), pages 6953-6957, XP002127773 the whole document	1-3, 10-32		
A	US 4 666 829 A (GLENNER GEORGE G ET AL) 19 May 1987 (1987-05-19) the whole document	1-3, 10-32		
Α	TJERNBERG L O ET AL: "CONTROLLING AMYLOID BETA-PEPTIDE FIBRIL FORMATION WITH PROTEASE-STABLE LIGANDS" JOURNAL OF BIOLOGICAL CHEMISTRY,US,AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, vol. 272, no. 19, 9 May 1997 (1997-05-09), page 12601-12605 XP002050230 ISSN: 0021-9258 the whole document	1-3, 10-32		
A	WO 97 15195 A (TRANSKARYOTIC THERAPIES INC) 1 May 1997 (1997-05-01) abstract	1-3, 10-32		
A	US 5 171 574 A (KUBERASAMPATH THANGAVEL ET AL) 15 December 1992 (1992-12-15) abstract	1-3, 10-32		
A	WO 97 15933 A (HOECHST CELANESE CORP) 1 May 1997 (1997-05-01) abstract page 5, line 28 - line 31 page 10, line 10 - line 21 claims 1-27	1-3, 10-32		
	page 10, line 10 - line 21			

2

International Application No

alegnora .	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °		
	GUIJARRO J.I. ET AL.: "Amyloid fibril formation by an SH3 domain" PROC. NATL. ACAD. SCI. USA, vol. 95, April 1998 (1998-04), pages 4224-4228, XP002127774 cited in the application the whole document	1
	THE WHOLE document	
-		

Information on patent family members

International Application No

Patent document   Publication   Patent family membrish()			<b>.</b>			db 99/03133
W0 9715195 A 01-05-1997 US 5965125 A 12-10-1999 AU 705563 B 17-06-1999 AU 704363 B 17-06-1997 EP 0917428 A 26-05-1997 EP 0917428 A 26-05-1998  US 091859 A 24-06-1998  US 5171574 A 15-12-1992 US 5011691 A 30-04-1991 US 4975526 A 04-12-1990 AT 167486 T 15-07-1998 AU 648997 B 12-05-1991 CA 2027259 A 18-04-1991 CA 2027259 A 18-04-1991 CA 2047577 A 18-04-1991 DE 69032424 D 23-07-1998 DE 69032424 D 23-07-1998 DE 69032424 D 23-07-1998 ES 2118723 T 01-10-1999 EP 0448704 A 02-10-1991 ES 2118723 T 01-10-1998 GR 3027722 T 30-11-1998 JP 2845346 B 13-01-1999 JP 4862336 T 23-04-1992 W0 9105802 A 02-05-1991 US 5668845 A 21-11-1995 US 5714589 A 03-02-1998 US 5566683 A 26-01-1999 US 566663 A 30-01-1999 US 566663 A 30-01-1999 US 566663 A 30-01-1999 US 5566663 A 30-01-1999 US 5566663 A 30-01-1999 US 5566663 A 30-01-1999 US 5566683 A 30-01-1999 US 5666836 A 30-01-1999 US 5666836 A 30-01-1999 US 566683 A						
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TENT COOPERATION TRE

PCT

From the INTERNATIONAL BUREAU

To:

NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

ELLIS-JONES, Patrick, George,

Armine J.A. Kemp & Co. 14 South Square Gray's Inn London WC1R 5LX J. A. KEMP & Co

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(PCT Administrative Instructions, Section 4	ROYAUME-UNI
Date of mailing (day/month/year) 17 November 1999 (17.11.99)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference	deta (day/month/year)
N.75052C PEJ International application No. PCT/GB99/03133	21 September 1993 (2.1.
International publication date (day/month/year)  Not yet published	21 September 1998 (21.09.98)

Applicant

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the ISIS INNOVATION LIMITED et al International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted An asterisk of appearing next to a date or receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim or the applicant is directed to Rule 17.1(c) which provides that no designated Unice may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International The letters "NK" appearing in the right-hand column denote a priority document which was not received by the internal Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which as provided by nule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportu-upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the

provides that no doos upon entry into the national r circumstances.		Country or regional Office or PCT receiving Office	Date of receipt of priority document
Priority date	Priority application No.	GB	25 Octo 1999 (25.10.9 NR
21 Sept 1998 (21.09.98) 30 Marc 1999 (30.03.99) 29 Apri 1999 (29.04.99)		US GB	25 Octo 1999 (25.10.9

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	Authorized officer Taïeb Akremi TV
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Telephone No. (41-22) 338.83.38
Facsimile No. (41-22) 740.14.35	



From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

ELLIS-JONES, Patrick, George. J. A. KEMP & Co Armine J.A. Kemp & Col 14 South Square REC'D 1 0 APR 2000 Gray's Inn London WC1R 5L

ROYAUME-UNI Action by....-

Date of mailing (day/month/year) 30 March 2000 (30.03.00) IMPORTANT NOTICE Applicant's or agent's file reference Priority date (day/month/year) International filing date (day/month/year) 21 September 1998 (21.09.98) N.75052C PEJ 21 September 1999 (21.09.99) International application No. PCT/GB99/03133

ISIS INNOVATION LIMITED et al Applicant

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following decignated Officer on the data indicated above as the data of mailing of this Notice: notice is neredy given that the international bureau has communicated, as provided in Article 20, the to the following designated Offices on the date indicated above as the date of mailing of this Notice:

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that In accordance with Nuie 47.11(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application in the first should be the application to the decision of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application of the international application in the first should be the application in the a the communication of the international application has duly taken place on the date of mailing indicate of the continuous of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1 (a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 30 March 2000 (30.03.00) under No. WO 00/17328

# REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority the applicant wishes to postpone entry into the hational phase until 30 months (or later in some Offices) from the product, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 10 months from the priority date. date, a demand for international preliminary examination must be filed with the Examining Authority before the expiration of 19 months from the priority date.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

# REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

Authorized officer J. Zahra The International Bureau of WIPO 34, chemin des Colombettes Telephone No. (41-22) 338.83.38 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35